

Control and connection cables

CC 600 T

PVC control cable with numbered cores and extended temperature range, AWG 8 - AWG 1



2586 105°C 600V CSA AWM I/II A/B 105°C 600V FT1 FT2 CE



Marking for CC 600 T 02580804:

SAB BRÜCKSKES · D-VIERSEN · 02580461 4x10,0mm² CC 600 T 8 AWG/4c 02580804

AWM Style 2586 105°C 600V CSA AWM I/II A/B 105°C 600V FT1 FT2 CE

Construction:

Conductor:	bare copper strands acc. to UL/CSA
Insulation:	special heat resistant PVC
Colour code:	black cores with consecutive numbers acc. to EN 50334 + VDE 0293-334, green-yellow earth wire from 3 cores
Stranding:	in layers
Sheath material:	special heat resistant PVC
Sheath colour:	grey (RAL 7000)

Technical data:

Nominal voltage:	U ₀ /U 300/500 V	
Voltage UL/CSA:	600 V	
Testing voltage:	core/core 2000 V	
Min. bending radius		
<i>fixed laying:</i>	4 x d	
<i>flexible application:</i>	6 x d	
Radiation resistance:	8 x 10 ⁷ cJ/kg	
Temperature range	DIN VDE	UL/CSA: up to +105 °C
<i>fixed laying:</i>	-40/+90 °C	
<i>flexible application:</i>	+5/+90 °C	
<i>short time use:</i>	+105 °C	
Fire performance:	flame retardant and self-extinguishing acc. to IEC 60332-1-2 + VDE 0482-332-1-2, UL VW-1, CSA FT1, FT2	
Oil resistance:	acc. to internal standard, see chapter N „Technical Data“	
Absence of harmful substances:	acc. to RoHS directive of the European Union see chapter N „Technical Data“	

Outstanding features:



- UL recognized, CSA approved
- Temperature range up to +105 °C
- on request construction with metric conductor stranding

item no.	no. of cores x cross section n x AWG	largest single wire ø mm	outer-ø ± 5% mm	copper figure kg/km	cable weight ≈ kg/km
02580804	4 x 8	0,41	17,0	337,9	557
02580805	5 x 8	0,41	18,9	442,4	676
02580604	4 x 6	0,41	20,9	541,4	755
02580404	4 x 4	0,41	25,6	844,8	1335
02580204	4 x 2	0,41	30,4	1344,0	2052
02580104	4 x 1	0,41	33,2	1651,2	2423

Other dimensions and colours are possible on request.